Monitoring Data Record

Project Title: U-2524AB (Site 7 and 17)	COE Action ID:	200321137				
Stream Name: UT to Hickory Creek	DWQ Number:					
City, County and other Location Information:	Greensboro Western Loop	, Guilford Co.				
Site 7 (Sta. 11+60 to Sta. 11+67 -40SB REV-						
<u>REV-)</u>						
Date Construction Completed: Water was turn	ned into the stream on June	2005 and planted in				
February 2006.	Monitoring Year: (4) of	5				
Ecoregion:	8 digit HUC unit 0303	0002				
USGS Quad Name and Coordinates:						
Rosgen Classification: Propose	ed reach is a B4/5c stream	type				
Length of Project: 952' Urban or Rura	l: <u>Urban</u> Watershed	Size:				
Monitoring DATA collected by: M. Green &	J. Young Date	e: <u>7/29/09</u>				
Applicant Information:						
Name: NCDOT Roadside Environmen	ntal Unit					
Address: 1425 Rock Quarry Road I	Address: 1425 Rock Quarry Road Raleigh, NC 27610					
Telephone Number: (919) 861-3772	Email address: mlg	reen@ncdot.gov_				
Consultant Information:						
Name:						
Address:						
Telephone Number:	Email address:					
Project Status: <u>Complete</u>						
Monitoring Level required by COE and DV						
Monitoring Level 1 requires completion of	Section 1, Section 2 and Section	3				
Monitoring Level 1 requires completion of a Permit States : NCDOT shall perform the f	Section 1, Section 2 and Section Collowing components of I	2 Level I monitoring twice				
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Section 2. <u>PLANT SURVIVAL</u> Attach plan sheet indicating reference photos.
Identify specific problem areas (missing, stressed, damaged or dead plantings):
Estimated causes, and proposed/required remedial action:
ADDITIONAL COMMENTS: <u>Planted hardwood vegetation noted onsite includes</u> : <u>black willow, silk dogwood, green ash, and sycamore</u> . Other vegetation onsite included: <u>Juncus</u> sp., lespedeza, fennel, <u>Sagittaria</u> sp cattail, goldenrod, sweetgum, clover, sedge, fescue, and various grasses. The black willows which were damage due to beaver activity noted during the last evaluation have begun to re-sprout.

If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. <u>Physical measurements of channel stability/morphology will not be required.</u> Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

This report is the Year 4 summer evaluation and the channel is stable throughout the entire onsite stream relocation project. The beaver dam located downstream of PP#3, which was noted on last monitoring report, has been breeched so water can flow down stream. NCDOT will continue to monitor this stream relocation.

Date	Station	Station	Station	Station	Station
Inspected	Number	Number	Number	Number	Number
Structure					
Type					
Is water					
piping					
through or					
around					
structure?					
Head cut or					
down cut					
present?					
Bank or scour					
erosion					
present?					

UT Hickory Creek Site 7 and 17



Photo Point #1 (Upstream)



Photo Point #1 (Downstream)



Photo Point #2 (Upstream)



Photo Point #2 (Downstream)



Photo Point #3 (Upstream)



Photo Point #3 (Downstream)

UT Hickory Creek Site 7 and 17



Photo Point #4 (Upstream)



Photo Point #4 (Downstream)



Photo Point #5 (Upstream)



Photo Point #5 (Downstream)



Photo Point #6 (Upstream)



Photo Point #6 (Downstream)

Year 4 Summer – July 2009

